

South Carolina

YOUNG FARMER and FUTURE FARMER

Frank R. Stover
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Magazine

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FIFTEEN CENTS

SUMMER 1975



BEEF CATTLE



SOILS



SWINE



FORESTRY

VOCATIONAL EDUCATION IN AGRICULTURE



MECHANICS



Official Publication
Of The Young Farmers
And Future Farmers
Of South Carolina



South Carolina

YOUNG FARMER and FUTURE FARMER

Magazine

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COVER PHOTO

The picture photographs show examples of five areas of instruction that high school students enrolled in vocational agriculture receive. There are many others. These five areas are covered in this issue.

NOTES from the Executive Secretary



TO FUTURE FARMERS

By J. Earl Frick, Jr.

Your State FFA Officers, several advisors and state staff members recently attended a regional workshop in Augusta, Georgia entitled "FFA — Thrust 75." The workshop was conducted by National FFA President Alpha Trivette and National Staff Member Lennie Gamage. Newly developed FFA materials, including an advisor's handbook, an FFA activity handbook, the 1975-76 chapter guide and information on the new "Food for America" program were distributed and discussed. This material will greatly benefit local FFA members and should strengthen our local chapters. The material will be distributed to chapters at special meetings planned for September and October.

The new "Food for America" program is an educational process involving FFA members in communicating to elementary school children the story of food from the farm to the consumer. FFA chapters interested in participating in this new program can order the "Food for America" action kit from the National FFA Center, P. O. Box 15160, Alexandria, Virginia 22309. The kit includes lesson plans, a farm art book and brochures explaining the program. We encourage chapters to become involved in the new "Food for America" program.

With the summer months upon us, chapters are encouraged to meet for recreational and educational outings. Plans should be made now for the 1975-76 program of activities for the local chapter.

Decide now to give yourself a chance for growth by becoming involved in the FFA organization.

TO YOUNG FARMERS

By Hugh P. McClimon

All chapters are encouraged to take advantage of the summer months for conducting tours, family picnics, and other educational and recreational activities. These kinds of events have proven to be very successful in carrying out a year-round program of work and would be an excellent opportunity to recruit and involve new members.

The Association has scheduled the 1st Annual Summer Farm Tour for the weekend of July 18 & 19. The Oakway Chapter in Oconee County is serving as host with headquarters at the Holiday Inn in Clemson. Tentative plans include entertainment on Friday evening and tours of Young Farmer operations on Saturday morning beginning at 8:30 a.m. Stops will include an egg processing plant in Seneca, a laying operation at Oakway along with visits to a feed lot and a beef and swine operation. The group will enjoy a Barbecue Lunch at noon and possibly tour an apple orchard at Long Creek after lunch. Members should check with chapter advisors and presidents for additional details and information. Chapters should encourage members to attend and participate to make this a successful activity. With the support of local chapters, this event will be moved around over the State to a different area each year.

Members are reminded of the 9th National Young Farmer Educational Institute to be held December 13-17, 1975 in Atlanta, Georgia. Some rooms have been reserved for our delegates that must be confirmed prior to November 14. Complete information will be provided to chapter advisors and presidents as soon as available.

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FLOYD JOHNSON SCVA'S 1975 OUTSTANDING VOCATIONAL EDUCATOR



FLOYD
D.
JOHNSON

Served as State Director M.D.T.A. (Manpower Development and Training) and State Chairman of the South Carolina M.D.T.A. Advisory Committee. Was a member of State Law Task Force to study public education in South Carolina, Agricultural Consultant to the South Carolina State Committee for Technical Education and served as supervising teacher in Clemson University's student teaching program for 18 years.

Mr. Johnson received his Bachelor and Master of Science degrees in Agricultural Education from Clemson University. Graduated from Clemson in 1939 and was employed at York High School as teacher of agriculture there for 34 years.

He is a life member of A.V.A. and N.V.A.T.A., is an active member of S.C.V.A., S.C.A.T.A. and his county, state and national education associations. Mr. Johnson holds offices and is very active in county and state farm organizations, and local civic, religious and voluntary organizations.

His honorary and social fraternal affiliations include National Alpha Tau Alpha and Alpha Zeta fraternities and Clemson University Chapter Gamma Sigma Delta.

A recipient of the Honorary Chapter, State and American Farmer Degrees, he received the Texas Vocational Agriculture Teachers Association and N.V.A.T.A. Region 5 Distinguished Service Awards.

He and his wife have two sons, Bob, a graduate of Clemson University who is employed as a guidance counselor, and Bill, a student at Clemson.

FLOYD D. JOHNSON was named the "Outstanding Vocational Educator of the Year" by the South Carolina Vocational Association at its recent annual meeting. Mr. Johnson is Vocational Agriculture teacher and Coordinator of Vocational Education for York Public Schools. He has been an active member of S.C.V.A. for 36 years.

He has served as Vice President of A.V.A. for agriculture, President of A.V.A., President of S.C.V.A.T.A., Vice President and President of N.V.A.T.A., S.C.V.A. Treasurer and Board Member. He has been a Vocational Conference Consultant and participant in 24 states. A member of President Kennedy's panel of consultants on vocational education. He has appeared before state and national legislative committees on behalf of vocational education.

McBEE-LORIS WIN SOIL IDENTIFICATION AND LAND USE MEET

FIRST PLACE McBEE



Left to right, E. B. Earle, vocational agriculture teacher and McBee team advisor, is shown with team members Danny Young, Myrick O'Neal, Charles Benton and Kenny Howle, exhibiting the district three and state winning plaques and Don Morris, representative of the Carolina Power and Light Company, one of the sponsors.

Future Farmers of America (FFA) soil judging teams from McBee High School in Chesterfield County and Loris High School in Horry County bested 14 other teams to take top honors in the 20th annual State FFA Soil Identification and Land Treatment Meet.

Sixteen four-member FFA teams, already tested earlier in chapter and FFA federation competition, vied for the honor of representing the S. C. FFA As-

SECOND PLACE LORIS



The second place state winner Loris chapter is shown with agriculture teacher and team advisor J. A. Rankin. Left to right, Rankin, and team members Marcus Gerald, Terry Norris, Ed Prince and Jessie Stephens, and Don Morris, representing Carolina Power and Light Company, one of the sponsors.

sociation in the annual International Land Judging Contest at Oklahoma City, Oklahoma.

The top two teams will each receive \$700 for expenses at the international meet, and both were awarded plaques as the top Palmetto State soil judging teams. The McBee chapter tallied 640 of a possible 720 points to head the field, with the Loris chapter score 627 points.

SOILS MEET — Continued

TOP INDIVIDUALS



Earl Glasscock, left, representing S. C. Electric and Gas Company, one of the sponsors, presented awards to the first place individual Terry Norris, of the Loris chapter, John A. Rankin, advisor, and to M. C. Martin, second place individual in the state from the York chapter, W. S. Wilkins, advisor. Norris received \$175 for a trip to the National FFA Convention and Martin was presented an engraved gold watch.

The coveted first place individual award went to Terry Norris of the Loris chapter, who scored 223 of a possible 240 points. He received a plaque and \$175 for a trip to the National FFA Convention this fall in Kansas City, Missouri.

Second place individual honors went to M. C. Martin of the York chapter, who tallied 222 points to win an engraved gold watch.

The S. C. FFA Association functions through 170 local chapters in 175 high schools and vocational centers. Its purpose is to educate high school students of vocational agriculture for farm and agri-business occupations. The meet here is a key activity in vocational agriculture programs, allowing students to demonstrate the soil and land treatment skills they have learned in the classroom and through local vocational agriculture departments: identify the land capability class of soil by determining surface texture, subsoil permeability, depth surface and subsoil, drainage, erosion and scope; and prescribing the recommended land treatment for the land capability class identified.

Members of the top team (McBee chapter) are: Danny Young, Myrick O'Neal, Charles Benton, and Kenny Howle, with E. B. Earle as agriculture teacher and team advisor.

Second place team members include: Marcus Gerald, Terry Norris, Ed Prince, and Jessie Stephens, with John A. Rankin as agriculture teacher and team advisor.

Meet participants earned the right to compete by first placing among the top four individuals in their respective local chapters in soil identification and land treatment. These individuals then competed as a team to win top honors in their federation. South Carolina has 16 FFA federations, each encompassing one or more counties, which compose the four vocational agriculture districts within the state.

Netting top district honors and a plaque Wednesday were these teams: District I (Piedmont) — Westminster chapter; District II (central S. C.) — York chapter; District III (Pee Dee) — McBee chapter; and District IV (Charleston-Savannah area) — John Ford chapter.

Annual sponsors of the meet are Carolina Power and Light Company, Duke Power Company, South Carolina Electric and Gas Company, and the S. C. Association of Conservation Districts. Assisting in staging the competition is the S. C. Soil Conservation Service.

More than 7,000 South Carolina youth receive instruction annually in soil identification and land treatment through vocational agriculture programs. State Supervisor of this program is Frank R. Stover of the State Department of Education's Office of Vocational Education.



Shown, left to right, Frank R. Stover, State Supervisor of Vocational Agriculture, director of the FFA soil judging program in South Carolina, Earl Glasscock, S. C. Electric and Gas Company, a sponsor, George Huey, State Conservationist, SCS, whose organization furnishes technical assistance, E. J. Tyson, representing Duke Power Company, a sponsor, and Larry Edwards, with the S. C. Land Resources Commission, a sponsor.

SOILS MEET — Continued

JUDGES IN ACTION



During the Soil Identification and Land Treatment Meet judges study the topsoil, subsoil, texture, drainage, permeability, depth, erosion, and slope to identify land capability classes.



Field conditions and land capability class are important considerations when prescribing land treatment practices. The condition chart pictured above is studied carefully by judges participating in the Soils Meet.



Future Farmers shown above are checking the slope of the field in view, an important factor in determining the land capability class. This picture was made at the recent Soil Identification and Land Treatment Meet in Manning.

TOP DISTRICT TEAMS



Westminster was the high scoring team in District I. Shown, left to right, are R. T. Harris, advisor, and team members Wayne Burton, Ray Butts, Marty Carter, and Ronnie Lyle, and E. J. Tyson, representing Duke Power Company, one of the sponsors.



First place team in District II was the York chapter. Shown, left to right, are W. S. Wilkins, advisor, and team members Tim Scoggins, Jim Miskelly, M. C. Martin and Bill Nance, and E. J. Tyson, representing Duke Power Company, a sponsor.



The district winning team in District IV was the John A. Ford chapter. Shown, left to right, are Alvin Larke, advisor, and team members Michael Haynes, Laverne Heatley, Mike Lynn, and Perry Jones, and Earl Glasscock, representing S. C. Electric and Gas Company, a sponsor.

TIMBER HARVESTING FIELD DAY



William G. McMaster, representing Catawba Timber Company, chairman of the sponsoring committee, is shown congratulating Rolland Simpson, Jr. of Crescent High School and Christopher Grant of Andrews High School on winning a \$600 scholarship each to continue their education in timber harvesting. The scholarships were awarded at the recent Timber Harvesting Field Day at Manchester State Forest. McMaster presented the checks on behalf of all the sponsors.

Future Farmers of America (FFAers) from Andrews and Iva won \$600 timber harvesting scholarships, while another Iva FFAer topped a field of 80 to claim top honors in statewide timber harvesting competition.

Rolland Simpson, Jr. of Crescent High School (Iva) and Christopher Grant of Andrews High School each netted \$600 scholarships from the S. C. FFA Association, and Ricky McMullan of Crescent High School swept first place in the body's annual Timber Harvesting Field Day competition.

Simpson added another feather to his hat by claiming second-place honors in the competition, while third place went to James Ellis of Andrew Jackson High (Kershaw).

All three individual winners in the rugged competition received trophies.

The 7,000-member association functions through 175 chapters in 170 South Carolina high schools and vocational education centers. Its purpose is to help educate high school students of vocational agriculture for farm and agri-business careers.

The association scholarships were awarded to Simpson and Grant based on their demonstrated need and desire to pursue careers in timber harvesting. The two, both high school seniors, will be able to pursue college training in the field through the scholarships.

Participants in the Field Day competition included students of vocational agriculture timber harvesting courses across the state.

The 80 participants squared off against each other in Manchester State Forest demonstrating the skills which they are taught in their vocational agriculture classrooms and laboratories: calculating the volume of pulpwood and saw timber on a given tract; determining the board feet of saw timber in logs; determining the proper timber thinning practices; planting trees; managing established forests; harvesting and marketing timber and pulpwood; and operating and maintaining harvesting equipment.

McMullan rolled up 472 of a possible 500 points to lead the field, with Simpson tallying 459 and Ellis scoring 448.

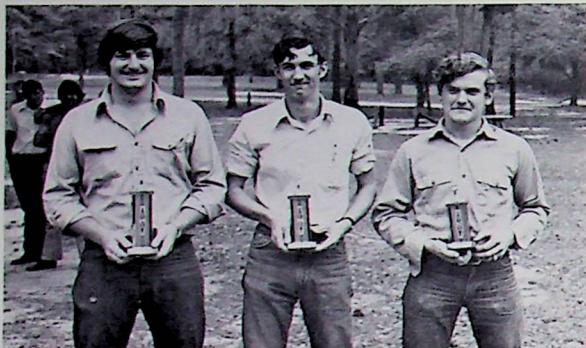
High school vocational agriculture teachers serve as advisors to FFA chapters, and their guidance plays a major role in the performance of individual students of vocational agriculture in such competition.

Advisor to the Crescent High Chapter is H. S. Clinkscales. Advisors at Andrews and Andrew Jackson High, respectively, are Gilmore Manus and D. A. Barfield.

South Carolina firms which helped sponsor the competition include: Catawba Timber Company; International Paper Company; Westvaco, and Champion Fibers, Inc.

TIMBER HARVESTING . . .

Advisor to the State FFA body is Frank R. Stover of Pelion, State Supervisor of vocational agricultural education for the State Department of Education's Office of Vocational Education. Earl Frick of Florence, office vocational agriculture consultant, serves as executive secretary.



Looking real pleased after receiving the top individual awards at the recent Timber Harvesting Field Day are, left to right, Ricky McMullan, from Crescent High School, who received the top individual award (H. S. Clinkscales, advisor); his team mate, Rolland Simpson, Jr., also of Crescent, the second place individual award, and James Ellis, of Andrew Jackson High School (D. A. Barfield, advisor) the third place award.

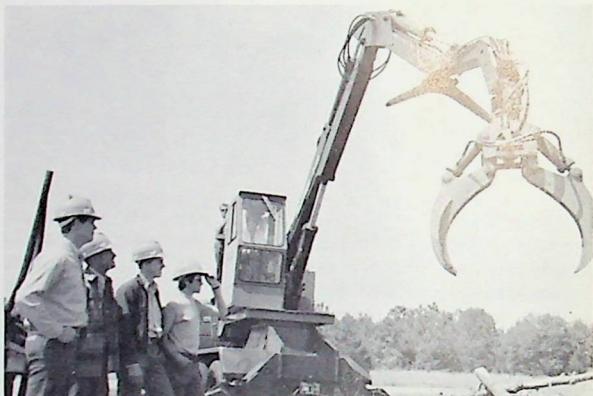


Shown above, left to right, are Frank R. Stover, State Supervisor of Vocational Agriculture and supervisor of the timber harvesting program for vocational agriculture students in South Carolina, and sponsors L. S. Stanley, representing International Paper Company, Archie Craft, representing Westvaco, W. G. McMaster, of Catawba Timber Company, a subsidiary of Bowater Carolina Corporation, P. D. Dunnagan, representing Champion Papers, Inc., and Claude Barden with the State Forestry Commission, who assisted with the arrangements for the field day.

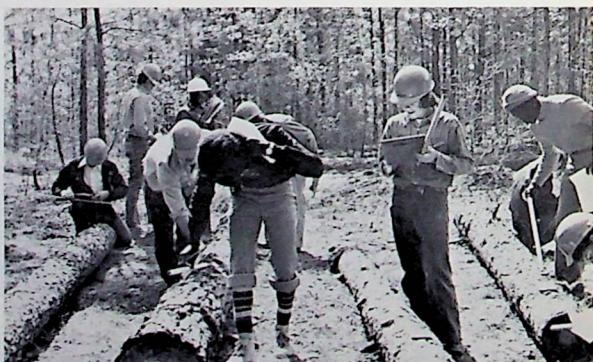
Field Day Exercises



Participants determining the number of cords of pulpwood in this stand of pines at Manchester State Forest.



Students in timber harvesting courses learn to operate equipment used in the industry.



Determining the board feet of lumber in saw logs.

YORK TEAM TOPS STATE LIVESTOCK EVENT



Exhibiting the district and state winning plaques in the recent FFA Livestock Judging Contest is the York FFA chapter judging team. Left to right, vocational agriculture teacher and advisor of the York team, W. S. Wilkins, and team members, Hugh Campbell, Bill Nance, Jim Miskelly, and Robert Blair. Bill Nance is also holding his top individual trophy.

The York FFA livestock evaluation and selection team was tops in the annual FFA livestock meet recently held at Clemson University. As the first place team in the state York wins a trip to the American Royal Livestock Show in Kansas City, Missouri in November where they will represent the S. C. Association of Future Farmers and compete with other state winners throughout the nation in the national FFA livestock event. Members of the top York team are Hugh Campbell, Bill Nance, Jim Miskelly, and Robert Blair. W. S. Wilkins is the vocational agriculture teacher at York and the team's advisor.

Eighty Future Farmers representing 16 FFA chapters and vocational agriculture departments throughout South Carolina who were selected in earlier eliminations took part in the competitive activities which included selecting beef cattle and swine for breeding, and selecting and grading beef cattle and swine for slaughter. Nine classes of beef cattle and swine were judged and graded.

Top individual honors went to Bill Nance of the first place York chapter, second place individual

Show above proudly exhibiting their individual trophies in the State FFA Livestock Judging Contest, left to right, Bill Nance, York chapter, top scoring individual; Eddie Peeler, second place winner from James F. Byrnes; and Charles Long, who placed third, from the Saluda chapter.

honors went to Eddie Peeler of the James F. Byrnes chapter, G. P. Jones, Jr., advisor, and third place to Charles Long of the Saluda chapter, W. A. Whitfield, advisor. These three received individual trophies.

District team winners receiving engraved plaques were: District I, Saluda chapter, W. A. Whitfield, advisor; District II, the York team received the state plaque, W. S. Wilkins, advisor; District III, Mayo chapter, W. L. Pearson, advisor; and District IV, Rufin chapter, W. P. Lloyd, advisor.

This competition climaxed the study and work in selecting and grading livestock by Future Farmers in the state in vocational agriculture classes conducted in high schools during the past year.

This activity was held in connection with the annual Block and Bridle Club's Little International and is sponsored by the animal husbandry department of Clemson University.

The Agricultural Education section of the Office of Vocational Education, State Department of Education, directed the program.

LIVESTOCK

TOP DISTRICT TEAMS



The Saluda chapter team, winner of the District I livestock judging contest, was the high scoring team in the State Livestock Judging Contest. Team members are shown, left to right, Ted Coleman, Greg Coleman, Lamar Johnson, and Charles Long, and Student Teacher at Saluda, Thompson Smith, stands in for W. A. Whitfield, vocational agriculture teacher at Saluda High School.



Mayo was the top FFA livestock judging team from District III at the State Livestock Judging Contest. Shown, left to right, are: W. L. Pearson, vocational agriculture teacher and team advisor at Mayo, and his team members, Jesse James, Clinton Simon, Ronald Rouse, and John Herbert.



The high scoring team from District IV during the state FFA livestock judging contest was the Ruffin team, W. P. Lloyd, advisor. They are shown, left to right, Lloyd and team members Donald Belton, Glen Fralix, Mario Behling, and Alexander Warren.

Saluda Best In State Agricultural Mechanics Competition



The Saluda team received the state winner's plaque in the FFA farm mechanics contest recently held at Clemson University. Shown from left to right are W. A. Whitfield, vocational agriculture teacher and team advisor, and team members Jason Price, Russell Winn, Steve McAlister and Johnny Corley receiving a state plaque from F. R. Stover, State Supervisor of Vocational Agriculture. Jason Price is holding the second place individual award.

The Saluda Future Farmers of America agricultural mechanics team bested 15 other teams to take top honors in the second annual State FFA Agricultural Mechanics Contest. Sixteen four-member teams tested earlier in chapter and district competition vied for the honor of representing the South Carolina FFA Association at the annual National Agricultural Mechanics Contest in Kansas City, Missouri in November. The top team will receive an expense-paid trip to the national meet and was awarded a state plaque. Members of the winning Saluda team were: Johnny Corley, Jason Price, Russell Winn, and Steve McAlister. W. A. Whitfield is the vocational agriculture teacher at Saluda and the team's advisor.

Placing second in the statewide competition was the Pelion team. Freddie Waltz is the vocational agriculture teacher and team advisor at Pelion. Team members include: Dennis Jeffcoat, Ricky Padgett, Randy Spires, and Wilson Fallaw.

Third place honors went to the Pendleton chapter. Team members were Dan Gentry, Nelson Perry, Eddie Grant and Ricky McAdams. George Reed is the team's vocational agriculture teacher and advisor.

Two agricultural mechanics teams represented each of the vocational agriculture districts in South Carolina.

The coveted first place individual award went to Wilson Fallaw of the Pelion team, second place to Jason Price and third place to Russell Winn, both of the Saluda team. The top three individuals received trophies.

MECHANICS



Second place team in the state FFA farm mechanics contest was the Pelion team shown, left to right: Freddie Waltz, vocational agriculture teacher and team advisor, team members Davis Jeffcoat, Ricky Padgett, Randy Spires and Wilson Fallaw. Wilson Fallaw is holding the coveted first place individual award in the state competition. The team received the second place plaque.

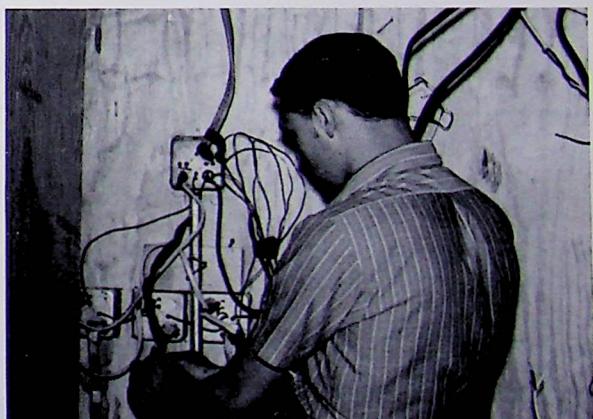
The statewide competition climaxed the study and work in agricultural mechanics by students of vocational agriculture in the high schools and vocational centers having departments of vocational agriculture. Students demonstrated the knowledge and skills in the selection, operation, maintenance, and use of farm power, operation, service and repair of agricultural machinery, basic welding, basic electricity, and identification of metals. This program is directed by the Agricultural Education section of the State Department of Education's Office of Vocational Education, Frank R. Stover, State Advisor. It was conducted by the Teacher Education Department and Agricultural Education Department of Clemson University, Earl T. Carpenter, Head Teacher Educator. Richard Linhardt, Agricultural Engineering Specialist on the Teacher Education staff, was in charge. The event was held in the Agricultural Engineering Department at Clemson University.



The Pendleton farm mechanics team is shown with the third place engraved plaque at the recent state FFA farm mechanics contest held at Clemson University. Left to right, George Reed, vocational agriculture teacher and team advisor, and team members Dan Gentry, Nelson Perry, Eddie Grant, and Ricky McAdams.



Participant exhibits skills with oxyacetylene cutting torch.



Student demonstrates knowledge of farm electric circuits.

WHAT IS FARM BUREAU?

FARM BUREAU means different things to different people . . . to some it's a bureau of the state or federal government. Some say it's a Republican organization. Others say it's a Democrat organization.

There are millions in the deep canyons of the great metropolitan center who have never heard of Farm Bureau.

Many farmers have great praise for the organization; a few farmers cuss it. Some people are neutral about it, some don't care.

But, IT IS the largest, most widespread general farm organization in the world.

Farm Bureau is PEOPLE, men and women, young ones and older ones, farmers and ranchers living in all sections of the United States.

Farm Bureau is not a cold inanimate machine, it is people with roots in the good earth, contending with heat, wind and rain because they like what they're doing . . .



The South Carolina Farm Bureau P. O. Box 754 Columbia S. C. 29202

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